

FIG. 1

FIG. 2A Preprocessing

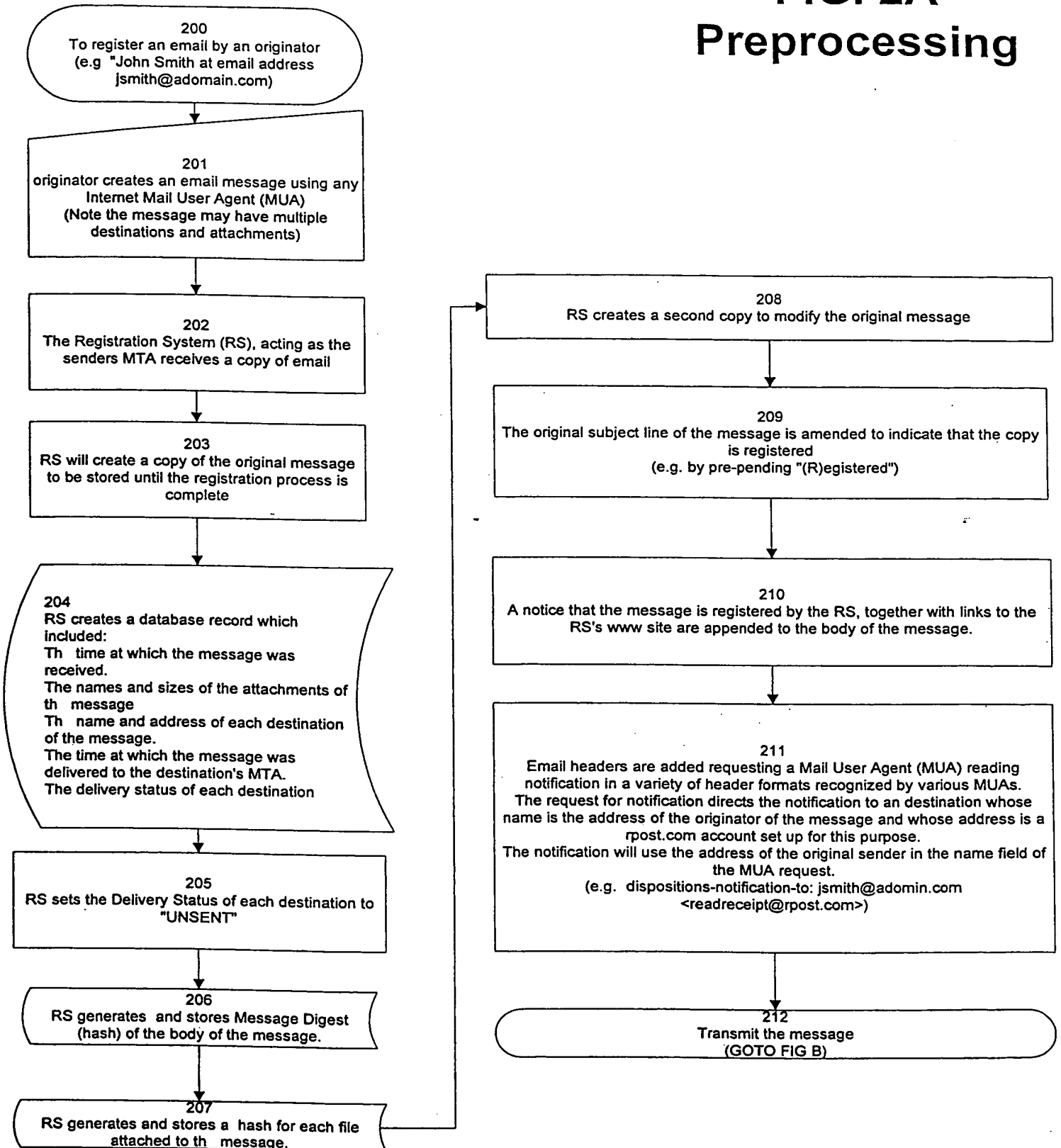


FIG. 2B
Transmission

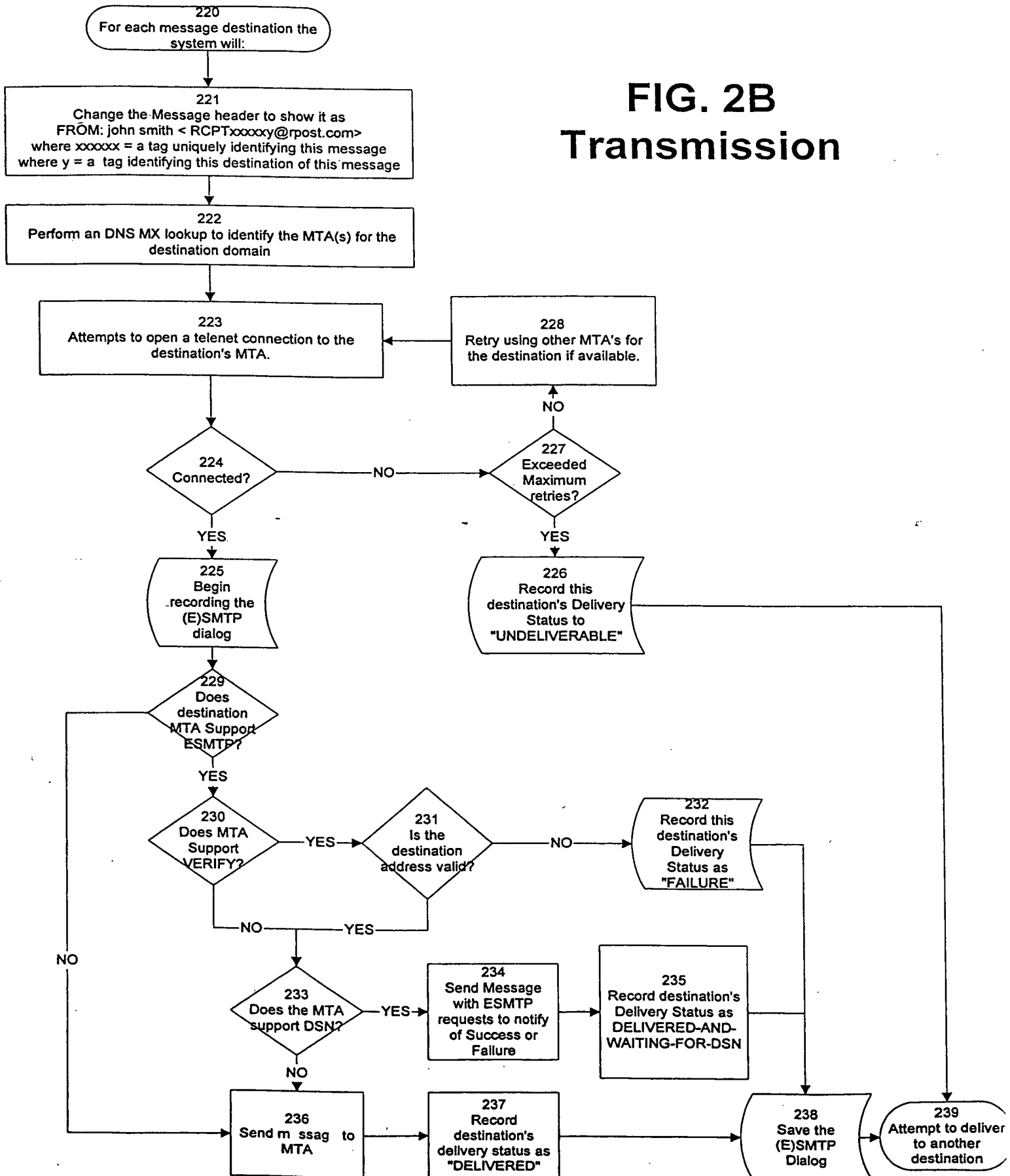


FIG. 2C

Post-Processing Processing MTA Notifications

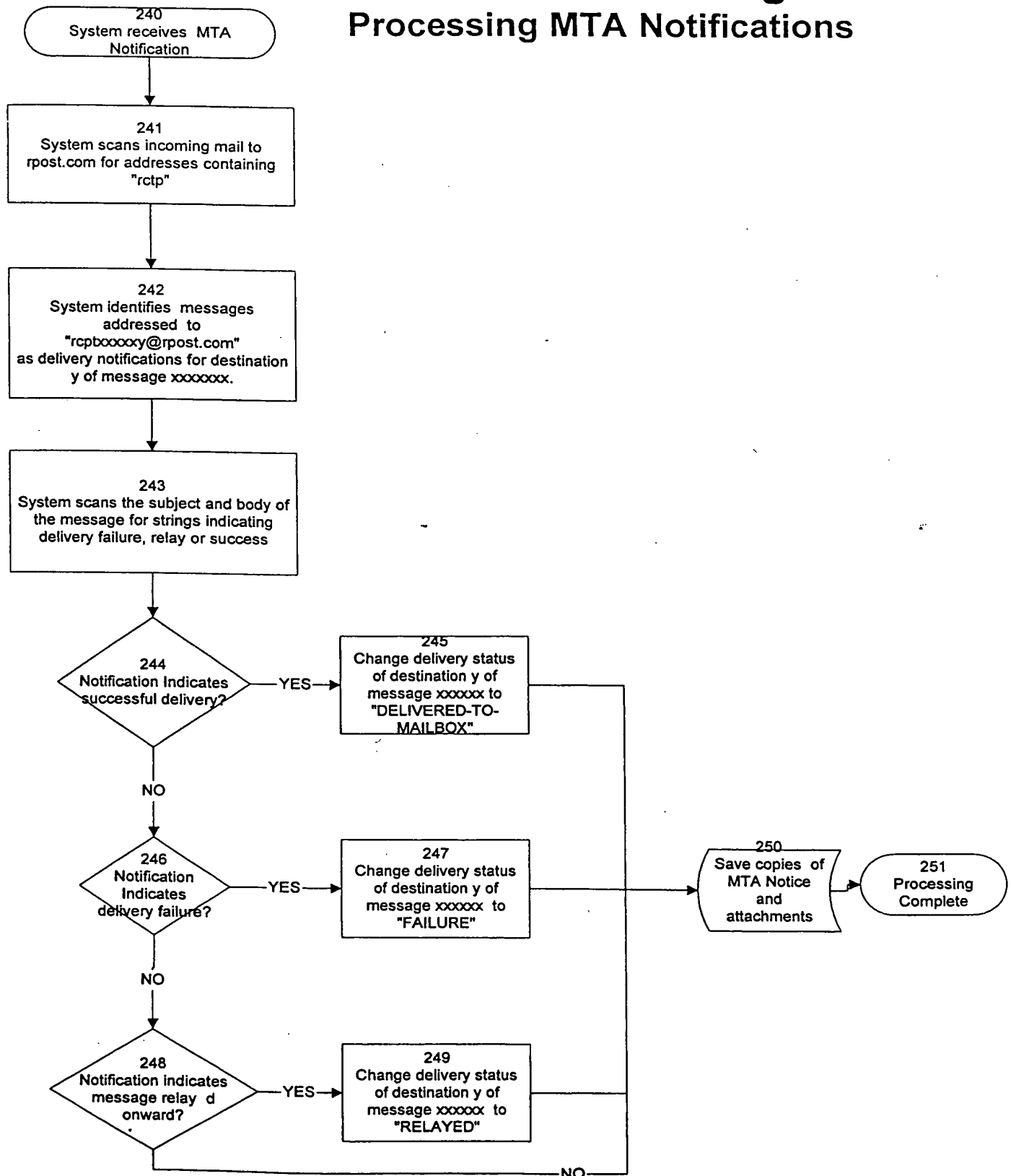
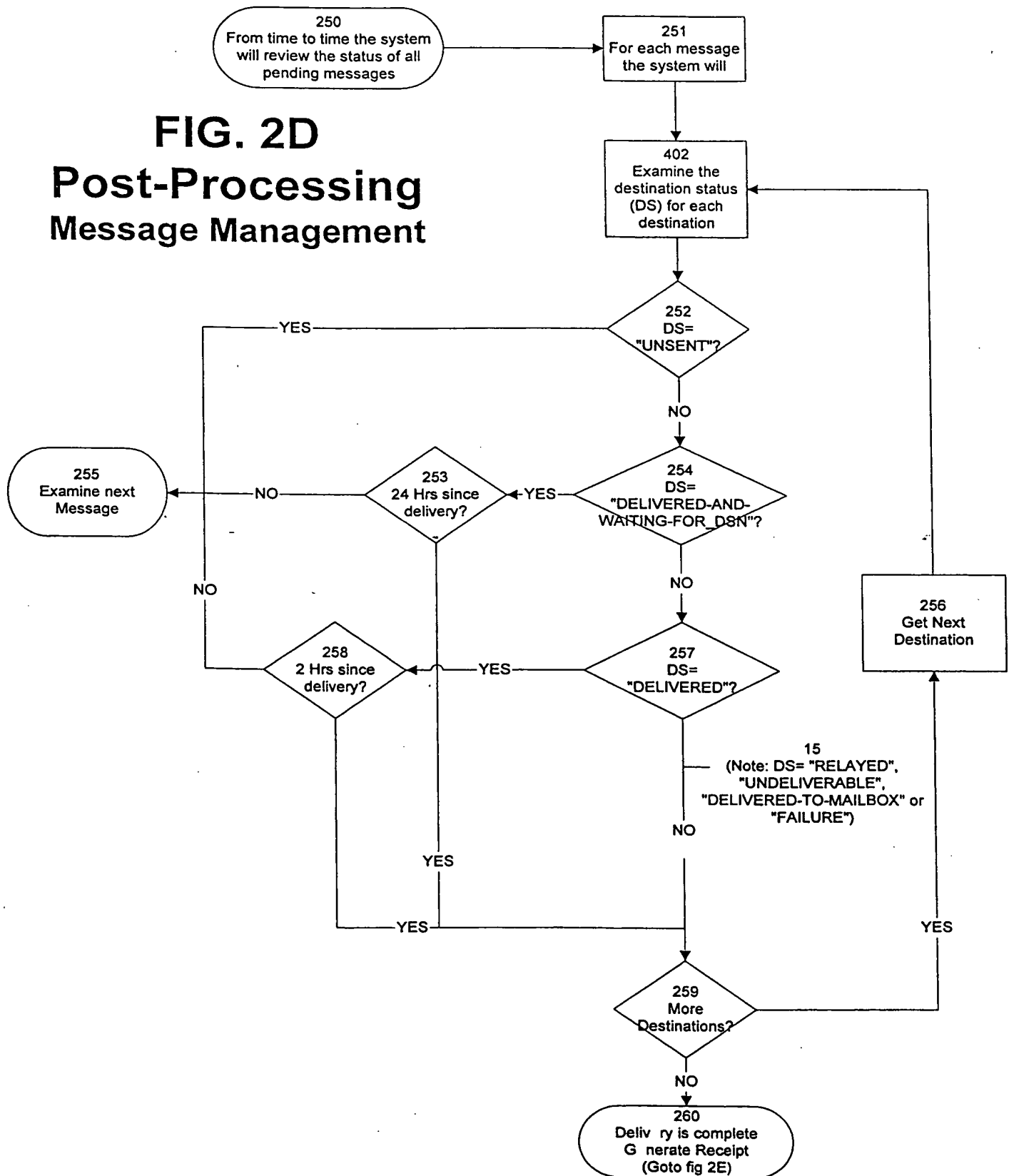


FIG. 2D
Post-Processing
Message Management



START HERE FROM FIGURE
2D

FIG. 2E

Post-Processing Generate a Delivery Receipt

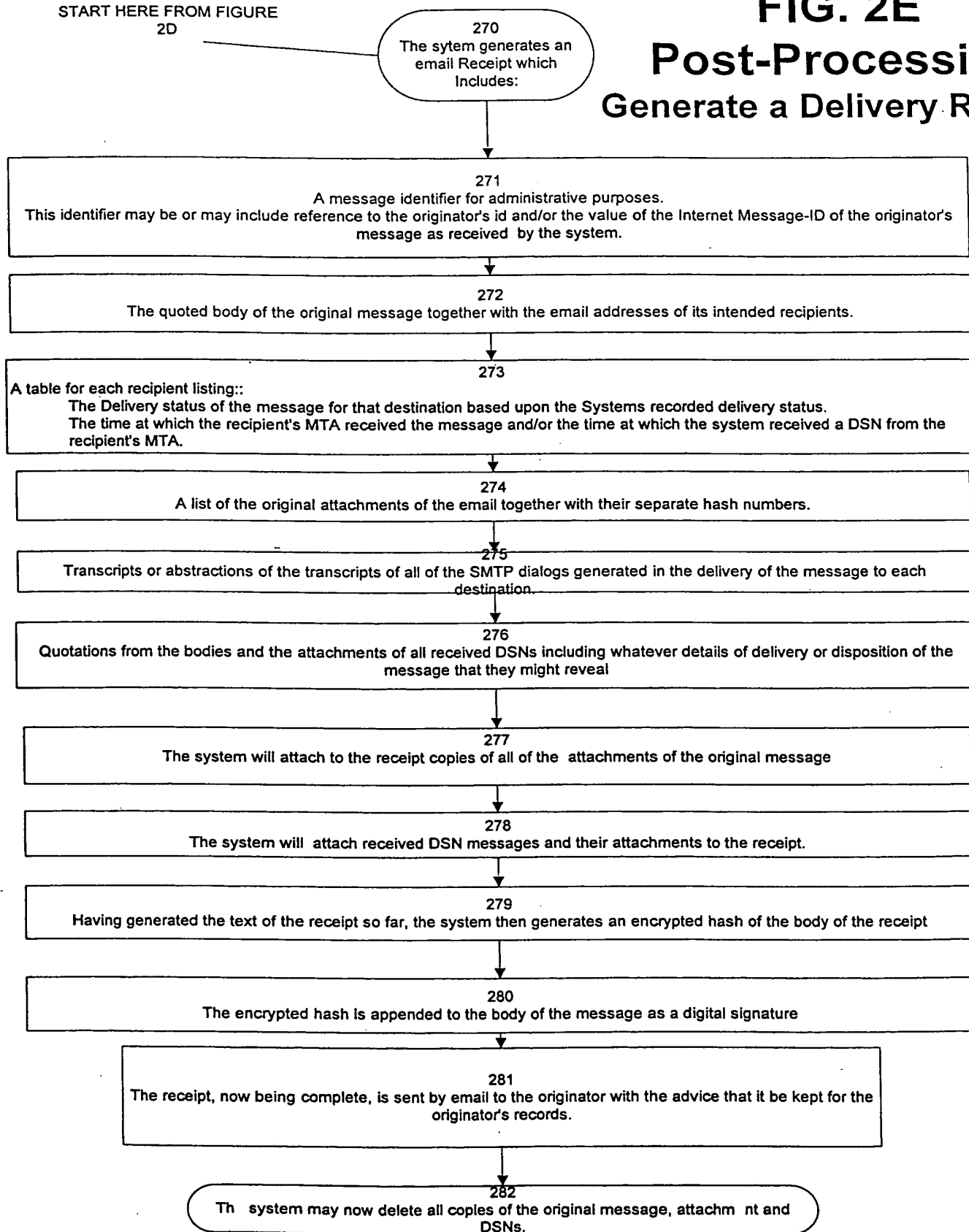
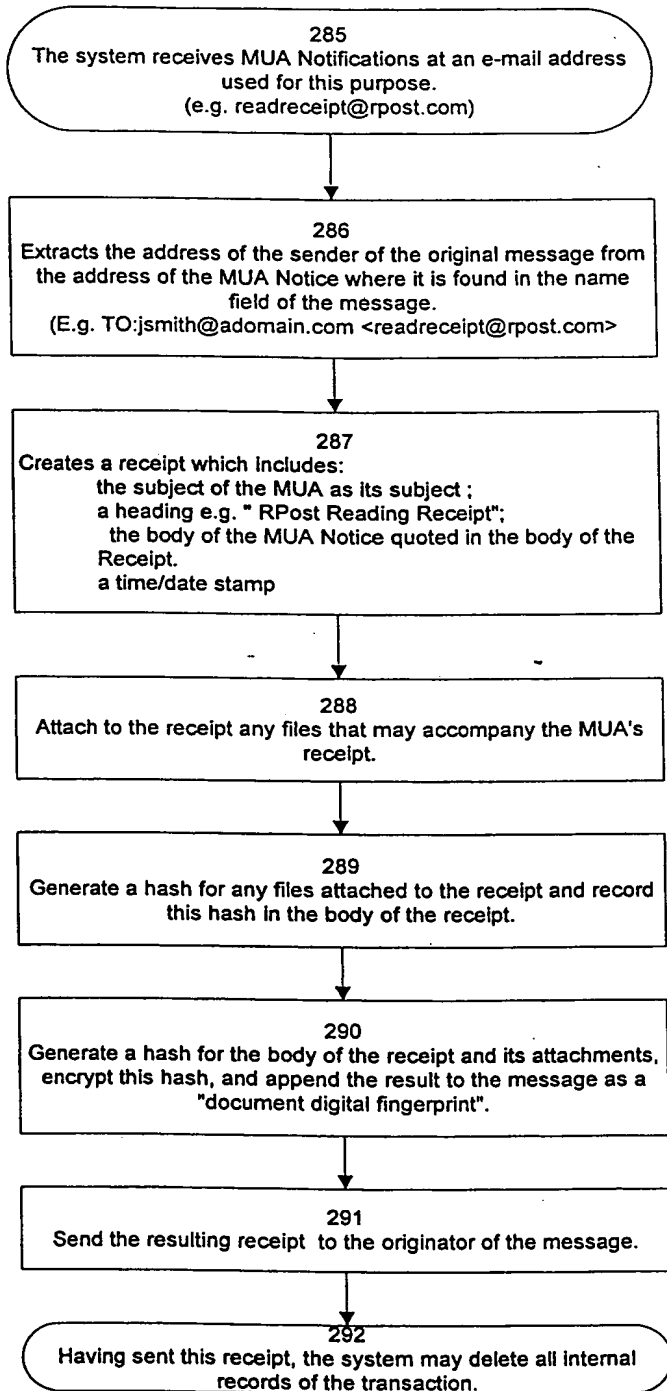
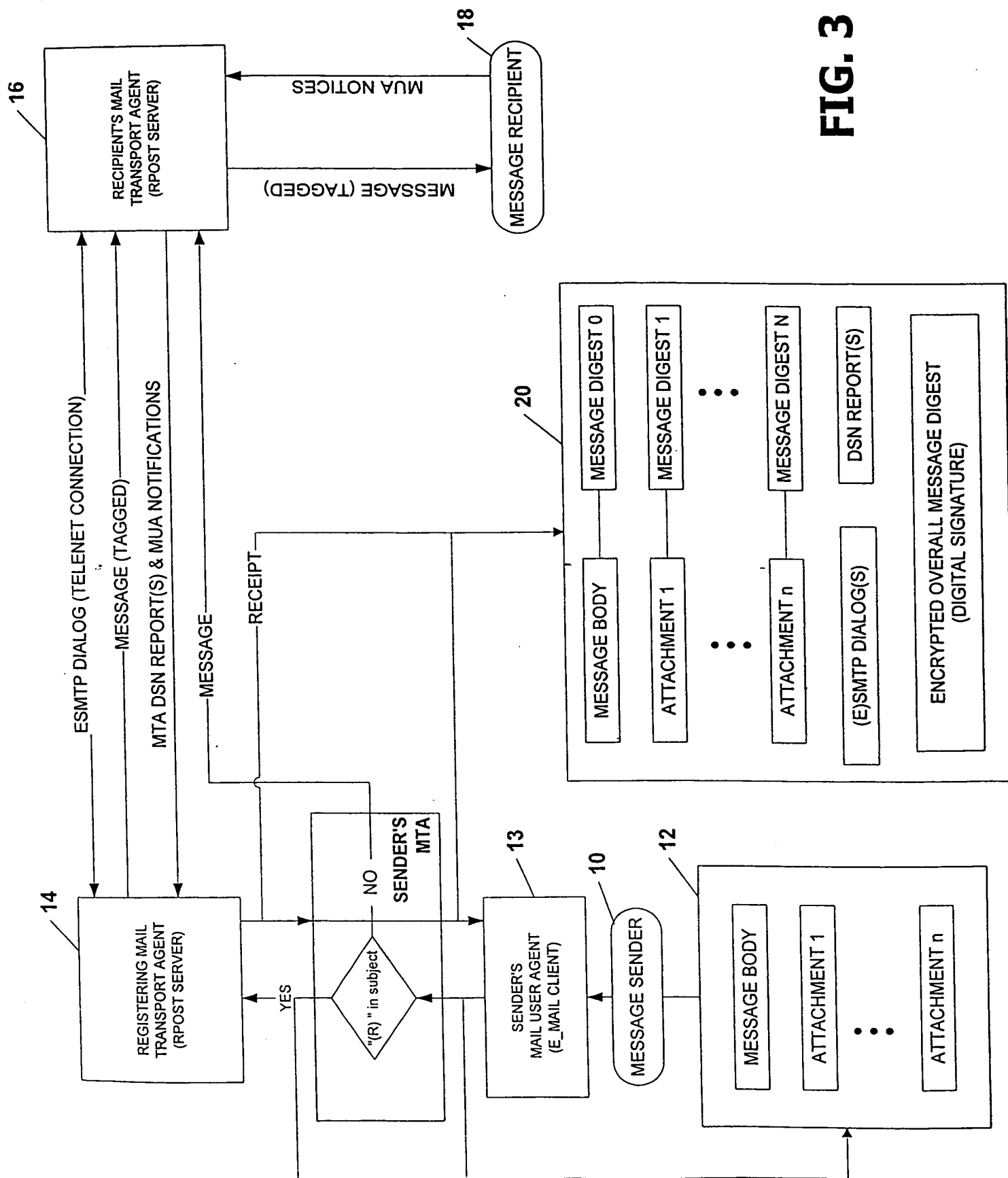


FIG. 2F

Post-Processing

Generate a Reading Notice





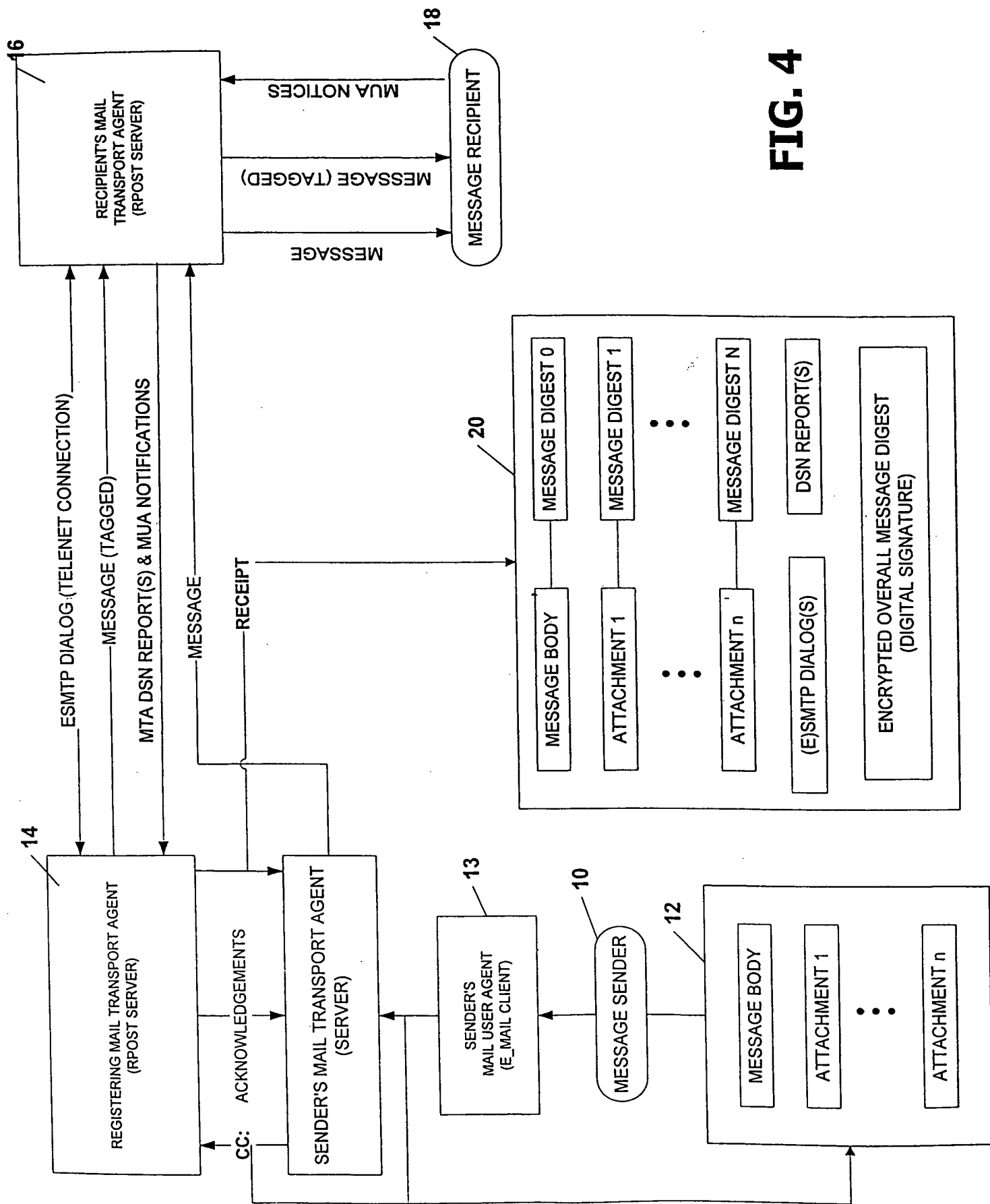


FIG. 4

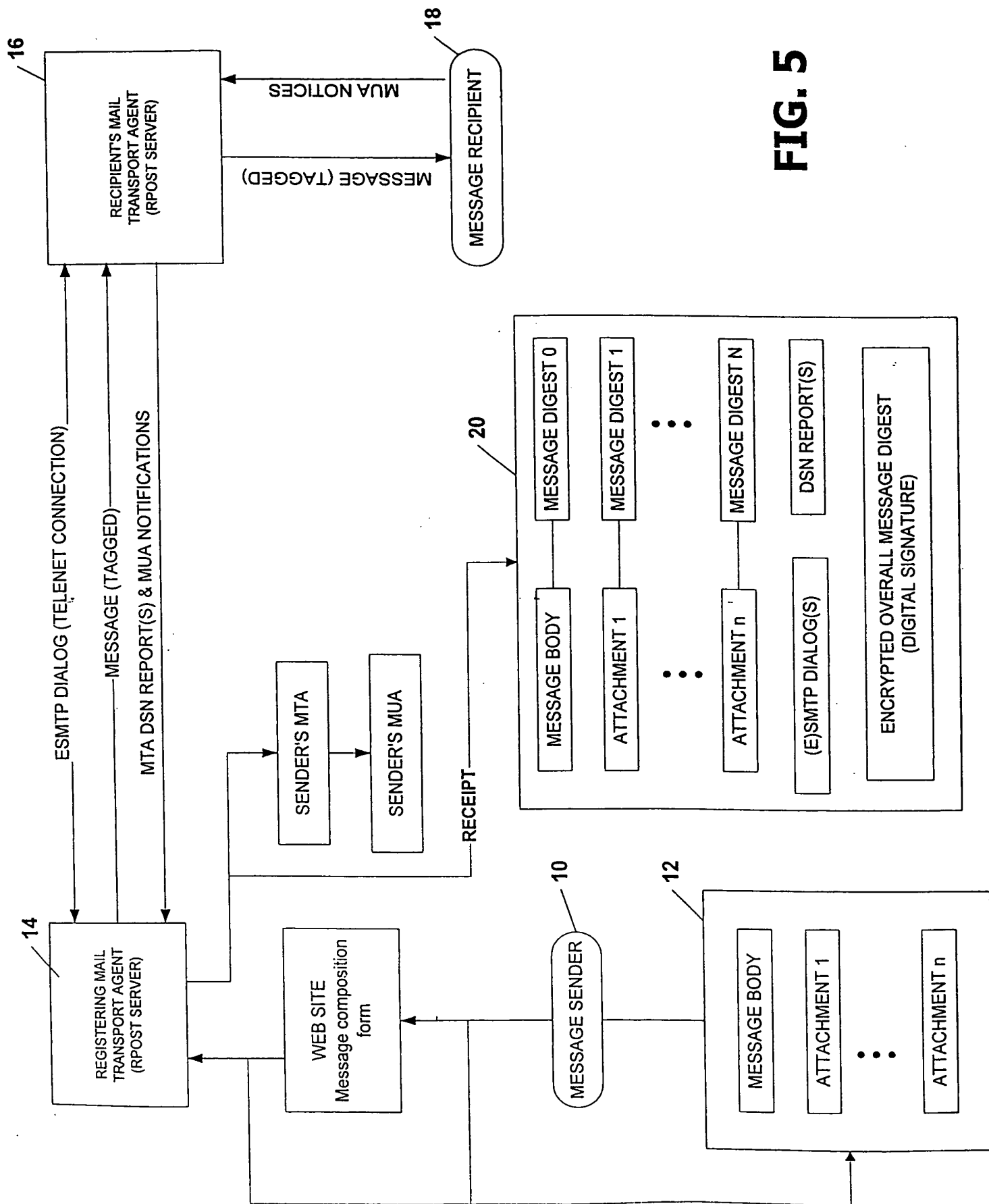


FIG. 5

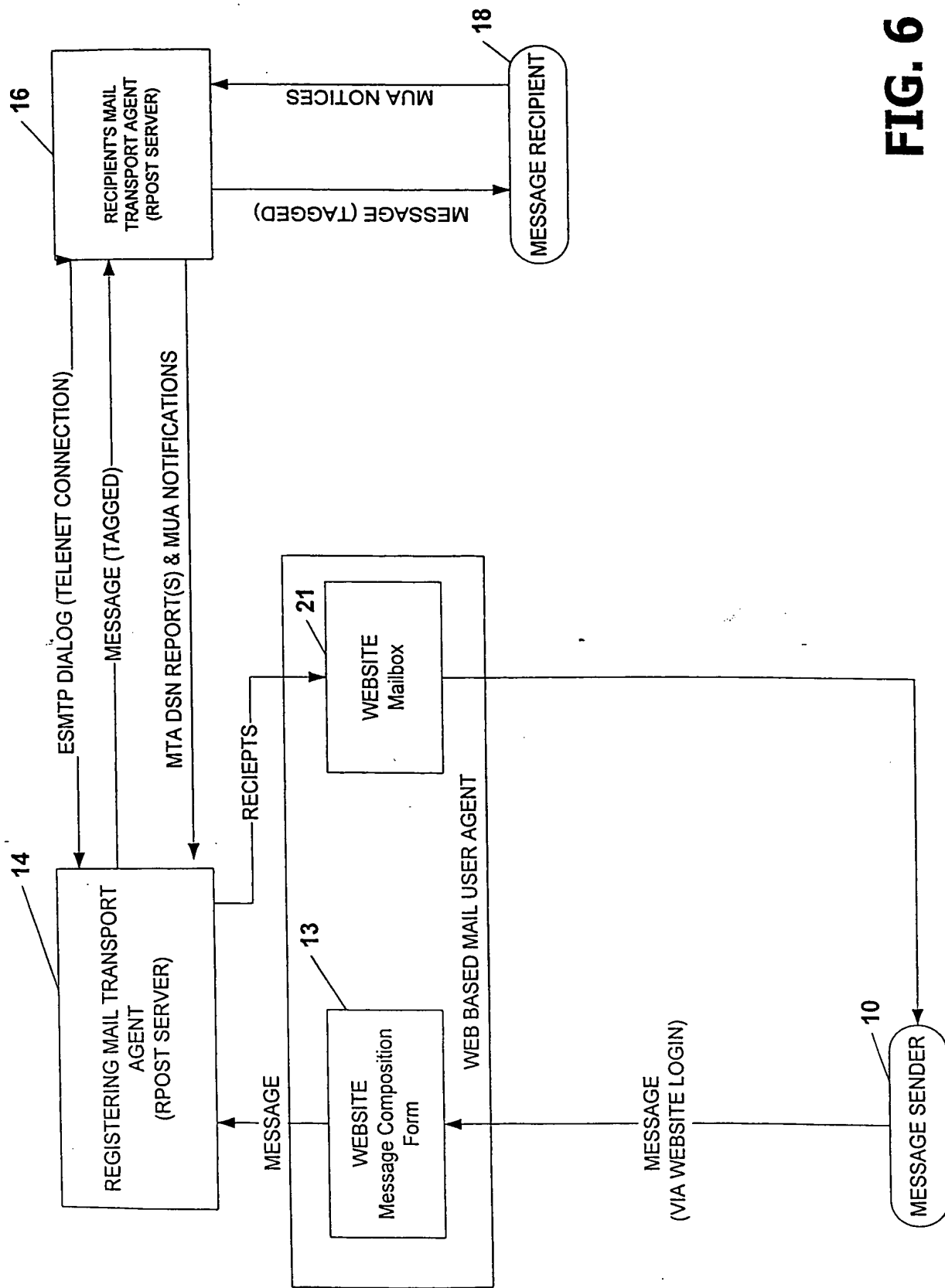


FIG. 6

FIG. 7 Validating a receipt

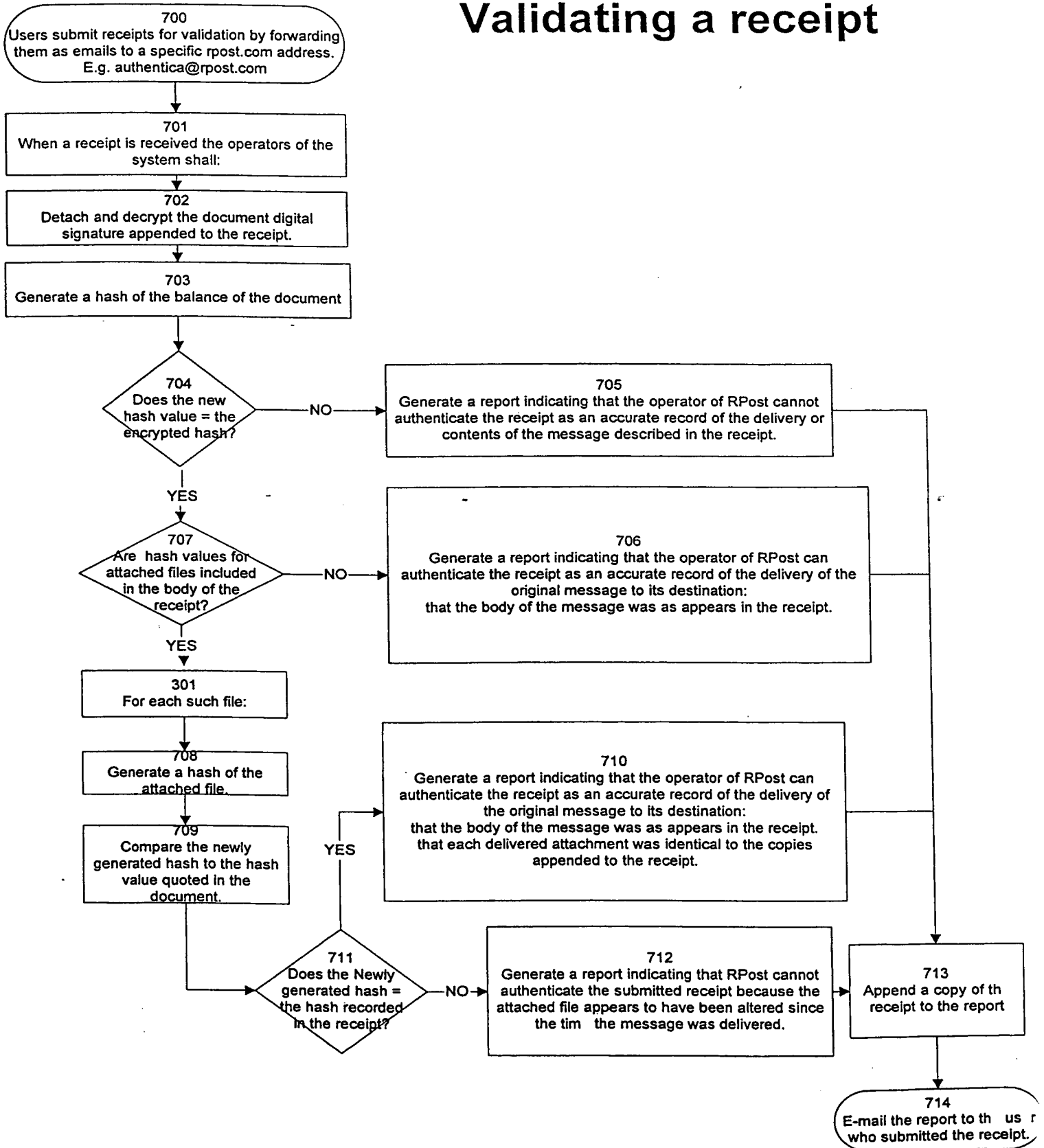


FIG. 8

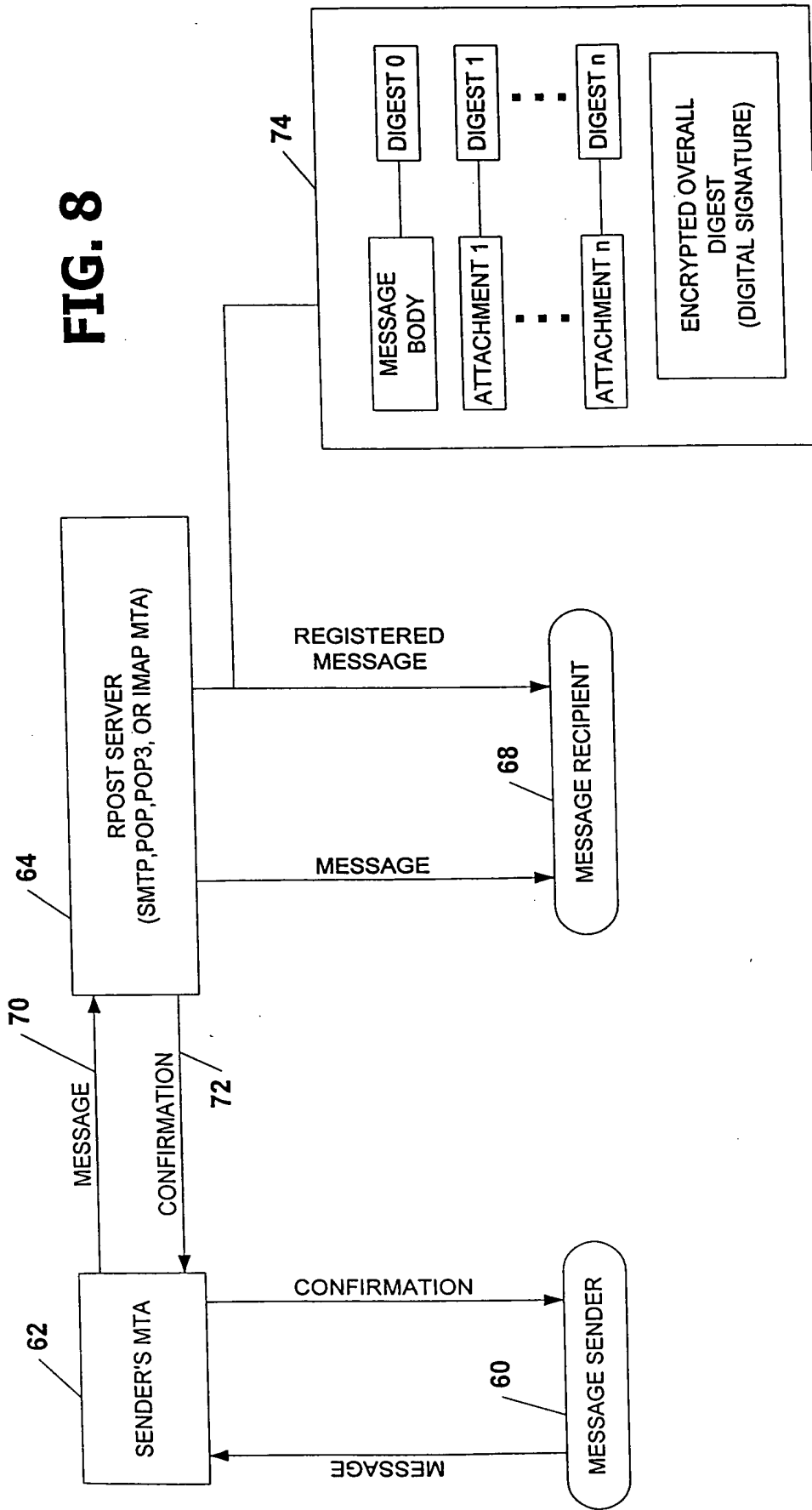


FIG. 9

Validating Received Mail

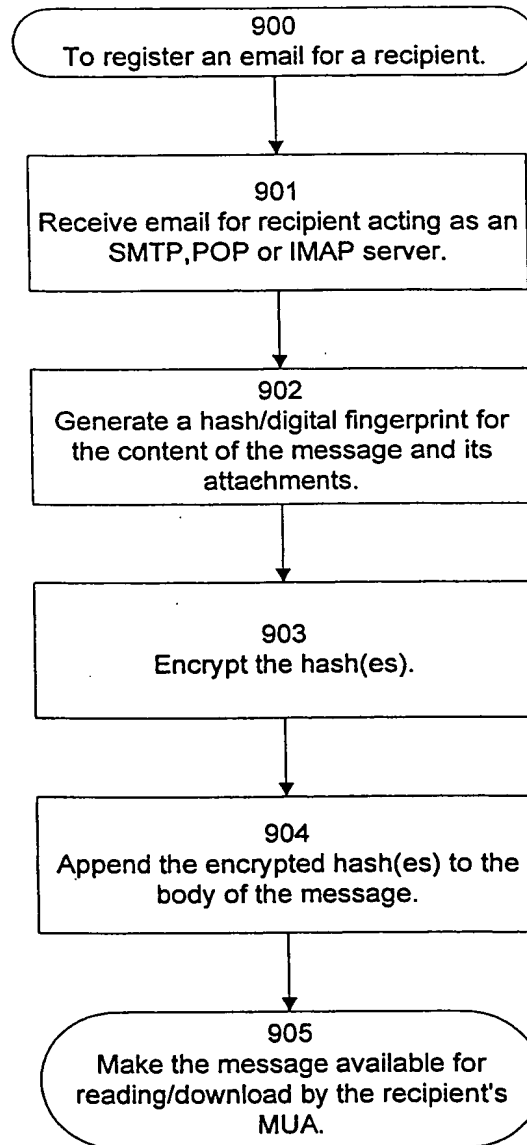


FIG. 10

Registering Inbound Mail

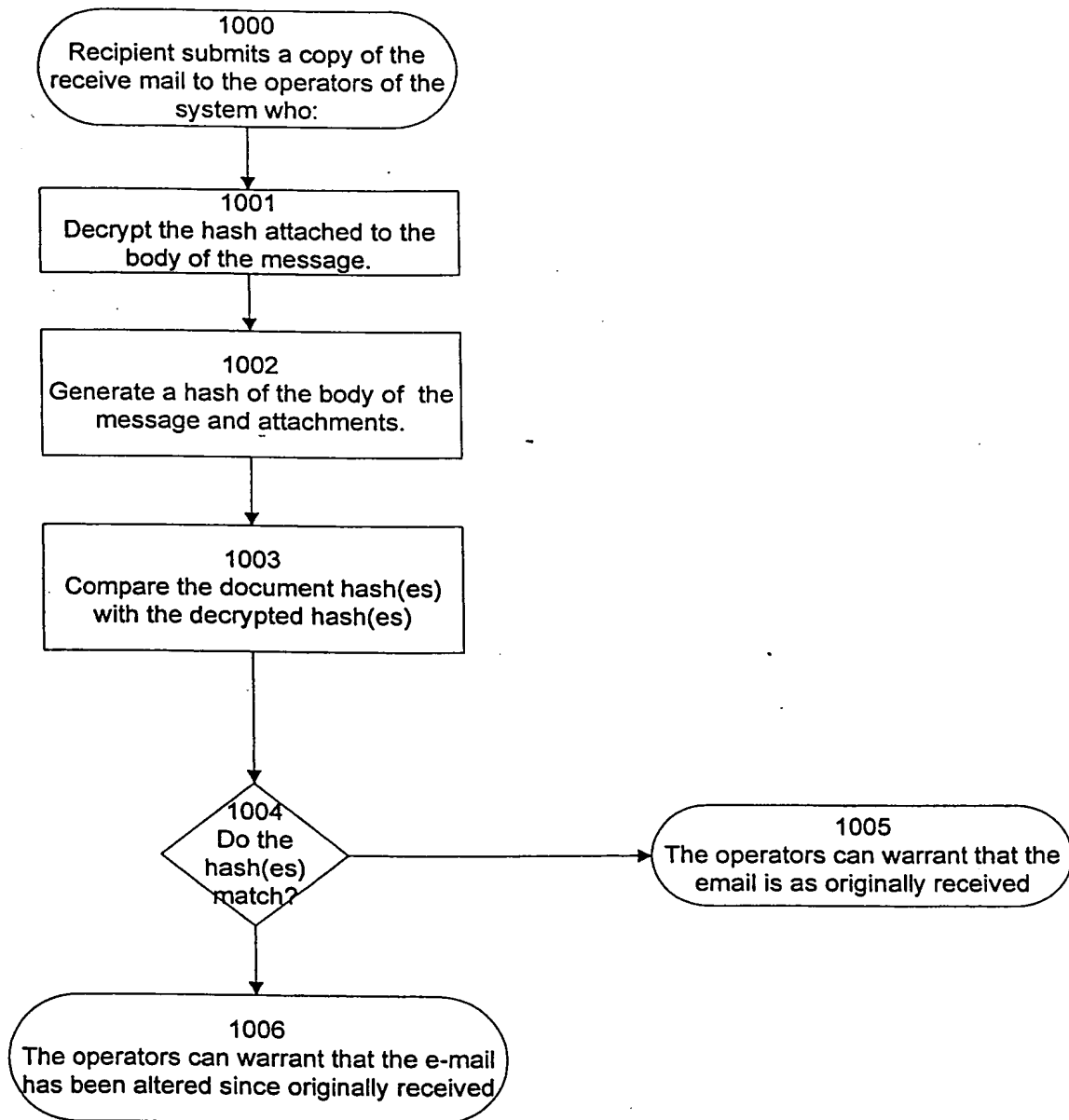


FIG. 11

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graph TD
    30[E-BUSINESS XYZ CORP.] -- 46 --> 36[RPOST POP SERVER]
    36 -- 42 --> 32[WEBSITE XYZ.COM]
    32 -- 34 --> 34[CUSTOMERS]
    32 -- 38 --> 38[RPOST SMTP SERVER]
    38 -- 50 --> 34
    38 -- 48 --> 36
    36 -- 36 --> 30
```

The flowchart illustrates the architecture of an e-commerce system. It includes the following components and data flows:

- 30 E-BUSINESS XYZ CORP.**: The central e-commerce entity.
- 36 RPOST POP SERVER**: Receives data from the E-Business (46) and sends data to the Website (42). It also receives data from the RPOST SMTP Server (48) and sends data back to the E-Business (36).
- 32 WEBSITE XYZ.COM**: Receives data from the RPOST POP Server (42) and sends data to the Customers (34) and the RPOST SMTP Server (38).
- 34 CUSTOMERS**: The end users of the system.
- 38 RPOST SMTP SERVER**: Receives data from the Website (38) and sends data back to the Website (50) and the RPOST POP Server (48).

The data flows are labeled as follows:

- 46**: Data flow from E-Business to RPOST POP SERVER.
- 42**: Data flow from RPOST POP SERVER to WEBSITE.
- 34**: Data flow from WEBSITE to CUSTOMERS.
- 38**: Data flow from WEBSITE to RPOST SMTP SERVER.
- 50**: Data flow from RPOST SMTP SERVER to WEBSITE.
- 48**: Data flow from RPOST SMTP SERVER to RPOST POP SERVER.
- 36**: Data flow from RPOST POP SERVER to E-BUSINESS.

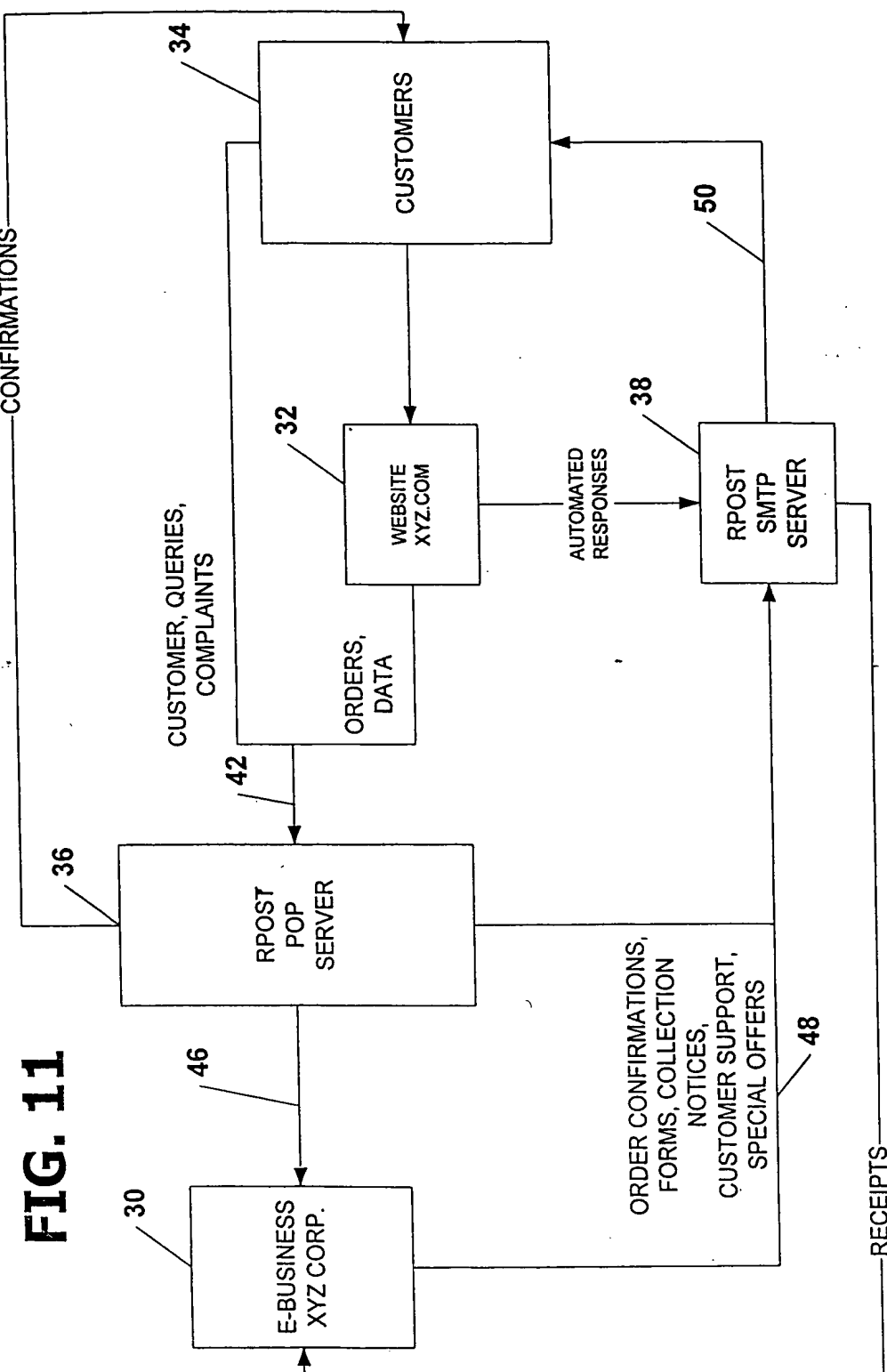


Figure 12

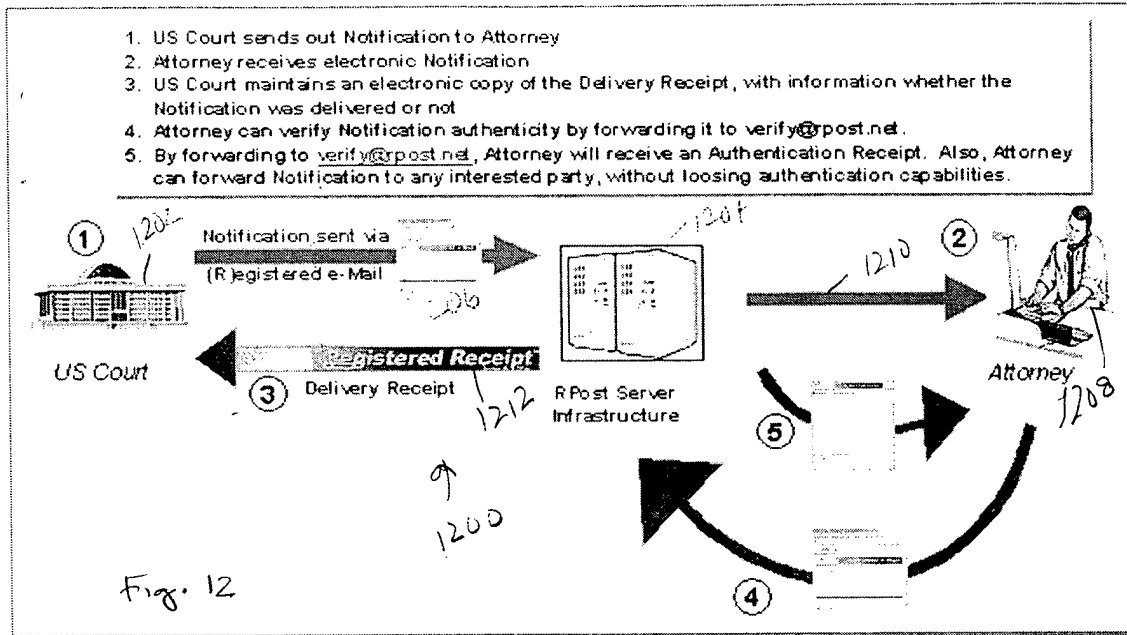
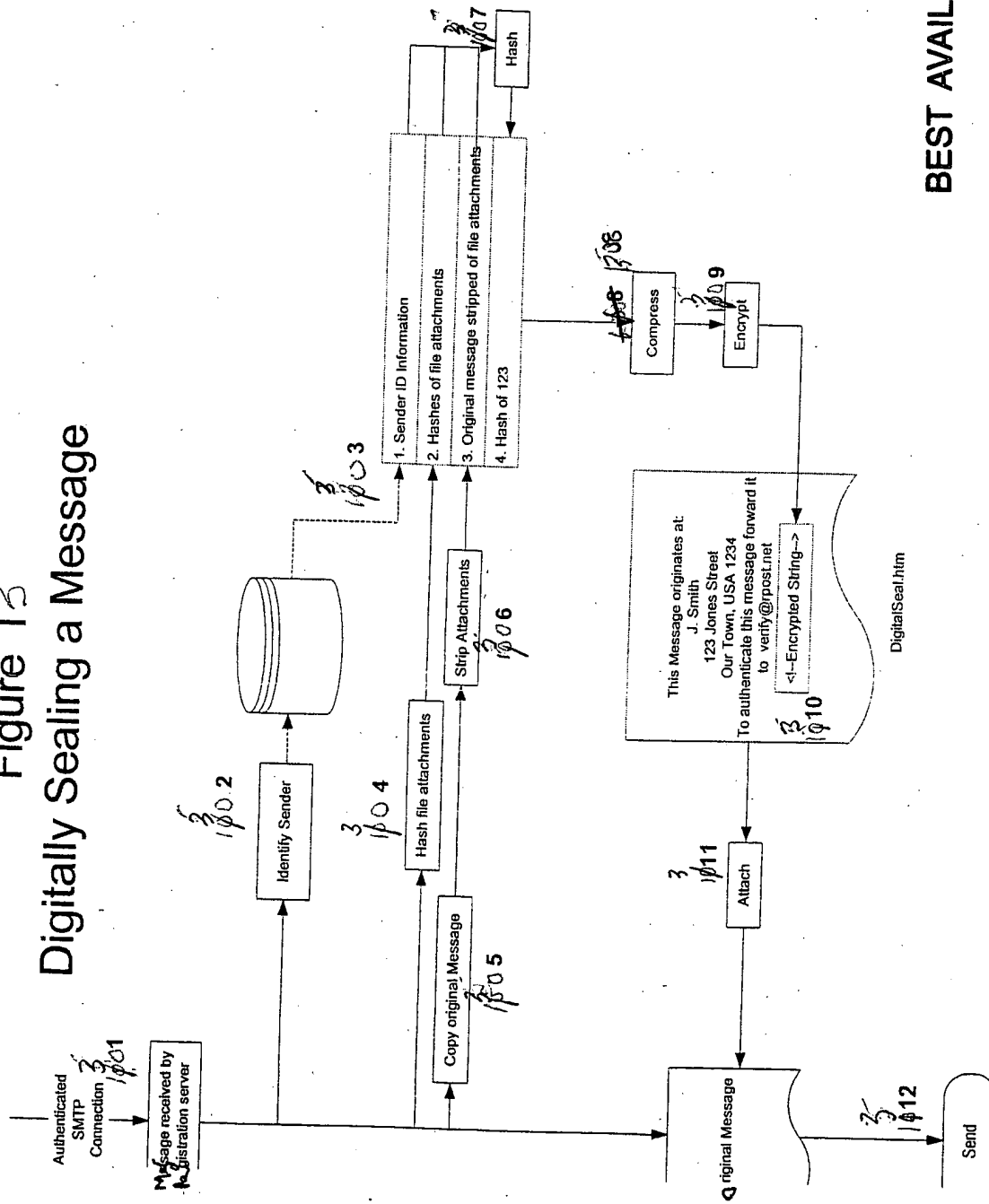


Figure 13
Digitally Sealing a Message



BEST AVAILABLE COPY

BEST AVAILABLE COPY

Figure 14
Authenticating a Digitally Sealed Message

